

Application Serial No.: 10/644,541

Amdt. dated 1/31/05

Reply to Office Action of November 16, 2004

*do not enter  
amendments  
specification  
cv.  
2/17/05*

**AMENDMENTS TO THE SPECIFICATION**

On page 2, line 1 and 2, please amend as follows:

~~Title of the Invention~~

A self regulating rotor

On page 3, paragraph 2, please amend as follow:

Rotors, with both horizontally and vertically oriented axis, have been designed as windmills and wind turbines to capture energy from the wind. There is a great need for devices that can generate electricity from the energy in the wind. Windmill generated electricity can be stored in batteries. It can replace the need for communities in the third world to purchase kerosene for lighting. Wind generated electricity can also power ~~ultra-violet~~ ultra-violet water ~~disinfections~~ disinfection and purification systems which can give third world countries a source of clean drinking water. Windmill generated electricity is a non- polluting source of electricity, and will continue to find greater use ~~through-  
out~~ throughout the world.

On page 5, paragraph 1, please amend as follow:

Vertical axis rotor ~~wind mills~~ windmills have inherent advantages of stability due to gyroscopic action of their rotors and simplicity of design due to the avoidance of yaw mechanisms and blade controls. Vertical axis rotors have been designed